RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/747,994 A
Source: IFW16
Date Processed by STIC: 09/14/2006

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IFW16

RAW SEQUENCE LISTING DATE: 09/14/2006
PATENT APPLICATION: **US/10/747,994A** TIME: 10:16:44

Input Set : **A:\USAV2003-0073USNP-Sequence-AUG2006.ST25.txt**
Output Set: **N:\CRF4\09142006\J747994A.raw**

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 3 <110> APPLICANT: Aventis Pharmaceuticals Inc.
 4       PARKAR, Ashfaq
 5       AUGUST, Paul
 6       KUNTZWEILER, Theresa
 7       ARDATI, Mohamad Ali
 8       BASKARAN, Namadev
10 <120> TITLE OF INVENTION: Nucleic Acid Encoding A Novel Prostaglandin Receptor Protein
And
11       Methods of Use Thereof
13 <130> FILE REFERENCE: USAV2003/0073 US NP
15 <140> CURRENT APPLICATION NUMBER: 10/747,994A
16 <141> CURRENT FILING DATE: 2003-12-30
18 <160> NUMBER OF SEQ ID NOS: 18
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1038
24 <212> TYPE: DNA
25 <213> ORGANISM: Cavia porcellus
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32 cgctcggggc tcgggtcctg ccggccgcgc ccgcagccct cagtcttcta cgtgctggtg    180
34 tgcggcttga cggtcacaga cctgctaggc aagtgcctgg tgagcccggt ggtgctggct    240
36 gcctatgcgc aaaaccggag cctcagggga ctggcacccg cgcagggcga ctcgctgtgc    300
38 caagccttcg ccttcatcat gtccttcttt gggctcgcct cgacgctcca gctcttagcc    360
40 atggccctag agtgctggct gtccctggga caccccttct tctaccagcg gcacatcact    420
42 gtgcgccggg gcgtgctcgt ggcgccggct gtgggcgcct tcagcctggc tttctgcgcg    480
44 ctccccttcg tgggcttcgg gaactttgtg cagtactgtc ccggcacctg gtgtttcttc    540
46 cagatgatct ccggggacga ctcgccgtcg gtgaagggct actcggtgct gtactccacc    600
48 ctcatggcgc tgttggtgct cgccatcgtg ctgtgcaacc tgggcgccat gcgcaacctc    660
50 tacaccatgc accagcgcct gcgacggcac acgcgctgct gcagcctccg ggaccgcgcg    720
52 ggcgaggcgt ttccgcaatc cttggaggag ctggaccacc tgctgctgct ggccctcatg    780
54 accgtgctct tcaccatgtg cactctgccg ttagtttatc gcgcttacta tggagcattt    840
56 aaagctgtcg aagaggagcc cgacgacctc ctagccttgc gttttctctc tgtgatttca    900
58 atcgtggacc cttggatctt tatcatttc agaacttcag tatttcggat gttttttcac    960
60 aagattttca taagacctct tctttaccga aactggcact gccacttcta ccaaactaac   1020
62 gtggaatcca gtctgtga                                                1038
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66 <211> LENGTH: 345
67 <212> TYPE: PRT
68 <213> ORGANISM: Cavia porcellus
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77             20                  25                  30
80 Leu Leu Ala Leu Ala Leu Leu Ala Arg Ser Gly Leu Gly Ser Cys Arg
81         35                  40                  45
84 Pro Arg Pro Gln Pro Ser Val Phe Tyr Val Leu Val Cys Gly Leu Thr
85     50                  55                  60
88 Val Thr Asp Leu Leu Gly Lys Cys Leu Val Ser Pro Val Val Leu Ala
89 65                  70                  75                  80
92 Ala Tyr Ala Gln Asn Arg Ser Leu Arg Gly Leu Ala Pro Ala Gln Gly
93                 85                  90                  95
96 Asp Ser Leu Cys Gln Ala Phe Ala Phe Ile Met Ser Phe Phe Gly Leu
97             100                 105                 110
100 Ala Ser Thr Leu Gln Leu Leu Ala Met Ala Leu Glu Cys Trp Leu Ser
101         115                 120                 125
104 Leu Gly His Pro Phe Phe Tyr Gln Arg His Ile Thr Val Arg Arg Gly
105     130                 135                 140
108 Val Leu Val Ala Pro Ala Val Gly Ala Phe Ser Leu Ala Phe Cys Ala
109 145                 150                 155                 160
112 Leu Pro Phe Val Gly Phe Gly Asn Phe Val Gln Tyr Cys Pro Gly Thr
113                 165                 170                 175
116 Trp Cys Phe Phe Gln Met Ile Ser Gly Asp Asp Ser Pro Ser Val Lys
117             180                 185                 190
120 Gly Tyr Ser Val Leu Tyr Ser Thr Leu Met Ala Leu Leu Val Leu Ala
121         195                 200                 205
124 Ile Val Leu Cys Asn Leu Gly Ala Met Arg Asn Leu Tyr Thr Met His
125     210                 215                 220
128 Gln Arg Leu Arg Arg His Thr Arg Cys Cys Ser Leu Arg Asp Arg Ala
129 225                 230                 235                 240
132 Gly Glu Ala Phe Pro Gln Ser Leu Glu Glu Leu Asp His Leu Leu Leu
133                 245                 250                 255
136 Leu Ala Leu Met Thr Val Leu Phe Thr Met Cys Thr Leu Pro Leu Val
137             260                 265                 270
140 Tyr Arg Ala Tyr Tyr Gly Ala Phe Lys Ala Val Glu Glu Glu Pro Asp
141         275                 280                 285
144 Asp Leu Leu Ala Leu Arg Phe Leu Ser Val Ile Ser Ile Val Asp Pro
145     290                 295                 300
148 Trp Ile Phe Ile Ile Phe Arg Thr Ser Val Phe Arg Met Phe Phe His
149 305                 310                 315                 320
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157             340                 345
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161 <211> LENGTH: 21
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial
165 <220> FEATURE:
166 <223> OTHER INFORMATION: 675_Topo_F3 primer
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174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial
177 <220> FEATURE:
178 <223> OTHER INFORMATION: 675_Topo_R2 primer
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184 <210> SEQ ID NO: 5
185 <211> LENGTH: 20
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187 <213> ORGANISM: Artificial
189 <220> FEATURE:
190 <223> OTHER INFORMATION: 675_GP_3'RACE_F primer
192 <400> SEQUENCE: 5
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196 <210> SEQ ID NO: 6
197 <211> LENGTH: 25
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial
201 <220> FEATURE:
202 <223> OTHER INFORMATION: 675_Rev_P2 primer
204 <400> SEQUENCE: 6
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208 <210> SEQ ID NO: 7
209 <211> LENGTH: 28
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211 <213> ORGANISM: Artificial
213 <220> FEATURE:
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221 <211> LENGTH: 39
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial
225 <220> FEATURE:
226 <223> OTHER INFORMATION: GW675 forward primer
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232 <210> SEQ ID NO: 9
233 <211> LENGTH: 37
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial
237 <220> FEATURE:
238 <223> OTHER INFORMATION: GW675 reverse primer
240 <400> SEQUENCE: 9
241 aagaaagctg ggtctcacag actggattcc acgttag 37

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1 5
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<212> TYPE: PRT
<213> ORGANISM: Cavia porcellus
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1 5 10 15
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<212> TYPE: DNA
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gacaactcgt tgtgccaagc cttcgccttc ttcatgtcct tctttgggct ctcctcgaca 360
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<213> ORGANISM: Rattus norvegicus
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gcgcgatccg ggctggggtc ctgccggcca gggccactgc atccgccgcc ctcggtcttt 180
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aatcagttat gtgaagcctt cgccttcctg atgtccttct ttgggttagc ctcgacctta 360
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Input Set : A:\USAV2003-0073USNP-Sequence-AUG2006.ST25.txt
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331 gctttctgtg cgctcccctt tgctggcttt gggaagttcg tgcagtactg tccaggtacc    540
333 tggtgcttca tccagatgat ccacaagaag cgctcattct cggtaatagg cttctctgtg    600
335 ctctactcca gcctcatggc gctgctggtc ctcgcaactg tggtgtgcaa cctgggtgcc    660
337 atgtccaacc tctatgccat gcacaggcgc cagaggcacc atccccgccg ctgctccagg    720
339 gaccgcgccc agtcaggctc agactacagg catgggtccc cgaatccttt ggaggagctg    780
341 gaccactttg ttctgctggc tctcacgaca gtgctcttca ccatgtgttc cctgccttta    840
343 atttatcgtg cttactatgg agcctttaaa cttgtggaca gagctgacgg agactcggaa    900
345 gacctccaag ccttgcgttt tctgtctgtg atttccatcg tggacccctg gatcttcatc    960
347 attttcagga cttcagtatt ccggatgtta tttcacaagg ctttcacaag acctctgatc   1020
349 tacagaaact ggtgcagcca ttcctggcag actaacatgg aatccacttt gtga         1074
352 <210> SEQ ID NO: 14
353 <211> LENGTH: 1074
354 <212> TYPE: DNA
355 <213> ORGANISM: Mus musculus
357 <400> SEQUENCE: 14
358 atgaacgagt cctatcgctg tcagacatcc acctgggtgg aaaggggctc ctcggcgacg     60
360 atgggcgctg tgctcttcgg tgcggggctt ctgggcaatc ttctggcgct ggtgctgctg    120
362 gcgcgctcgg gactggggtc ttgccggcca gggccactac acccgccgcc ctcggtcttt    180
364 tatgtgctcg tgtgtggctt gacggtcacc gacttgctgg gcaattgtct gatcagcccg    240
366 atggtcctgg ctgcctacgc gcaaaaccag agcctaaagg aactgctgcc tgcctcaggc    300
368 aatcagttat gcgaaacgtt cgccttcctg atgtccttct ttgggctagc ctcgacctta    360
370 cagctgttgg ctatggcggt ggagtgctgg ctgtctctgg gacacccctt cttctaccaa    420
372 aggcacgtca ccttgcgccg gggagtgctg gtggcaccgg tcgtggccgc cttctgcttg    480
374 gctttctgtg cgctcccctt tgctggtttt gggaagttcg tgcagtactg tccaggcacc    540
376 tggtgtttca tccagatgat ccacaaggag cgttcatttt cggtaatagg cttctctgtg    600
378 ctctactcca gcctcatggc gctgctggtc ctcgcaaccg tggtgtgcaa cctgggtgcc    660
380 atgtacaacc tctatgacat gcacaggcgc cagaggcact atcctcaccg ctgctccagg    720
382 gaccgcgccc agtcaggctc agactacagg cacgggtccc tgcatccttt ggaggagctg    780
384 gaccactttg tgctgctggc tctcatgaca gtgctcttca ccatgtgttc cctgccttta    840
386 atttatcgtg cgtactatgg agcctttaaa cttgagaaca aagctgaagg agactcagaa    900
388 gacctccaag ccttgcgttt cctgtctgtg atttccatag tggacccctg gatcttcatc    960
390 atcttcagga cttcagtatt ccggatgtta tttcacaagg ttttcacaag acctctgatc   1020
392 tacagaaact ggagcagcca ttcccagcaa agtaacgtgg aatccacttt gtga         1074
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396 <211> LENGTH: 359
397 <212> TYPE: PRT
398 <213> ORGANISM: Homo sapiens
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406 Gly Asn Ser Ala Val Met Gly Gly Val Leu Phe Ser Thr Gly Leu Leu
407             20                  25                  30
410 Gly Asn Leu Leu Ala Leu Gly Leu Leu Ala Arg Ser Gly Leu Gly Trp
411         35                  40                  45
414 Cys Ser Arg Arg Pro Leu Arg Pro Leu Pro Ser Val Phe Tyr Met Leu
415     50                  55                  60
418 Val Cys Gly Leu Thr Val Thr Asp Leu Leu Gly Lys Cys Leu Leu Ser
419 65                  70                  75                  80
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/14/2006
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Input Set : A:\USAV2003-0073USNP-Sequence-AUG2006.ST25.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:18; Xaa Pos. 294,298,347,351

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,18

VERIFICATION SUMMARY DATE: 09/14/2006
PATENT APPLICATION: **US/10/747,994A** TIME: 10:16:45

Input Set : **A:\USAV2003-0073USNP-Sequence-AUG2006.ST25.txt**
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L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:288
M:341 Repeated in SeqNo=18